

# SWBAT


Describe the forces  
involved in terminal  
velocity?

Sep 4-7:31 AM

## Welcome!!!

SECA CP Physics  
Wednesday 2 March 2016

*Centering  
(animals)*


PEDs with Passing  


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Room C-244

- Show me SchoolView if you want phone in class...
- GET A COMPUTER and log in

**Opening Activity - Quick Write:**  
Why bother learning physics?

"...and then friction goes, 'Oh you're looking good today gravity!' and then gravity says, 'Of course I am! I'm an attractive force!'"



your @cards  
somecards.com

Sep 7-7:04 AM

## What we should have solid:

Memorize our ~~5~~<sup>8</sup> vocab cards, units, vector or not, definition, formula

Be able to answer distance vs displacement questions

Be able to make measurements of real-life motion. Know what is likely to make timing things difficult and how to get more reliable timing results

Be able to convert between miles and meters, between hours, minutes, and seconds

Be able to calculate speed = dist/time and velocity = disp/time

Know what all of the symbols in the UAM equations stand for and mean

Be able to turn a UAM word problem into a list of knowns and unknowns

Be able to pick the equation with those 4 things in it

Be able to put the knowns into that equation

(Be able to solve for the unknown)

→ PROJECTILES:  $v_x$  IS CONSTANT;  $a_y = -9.8 \text{ m/s}^2$   <sup>$v_y$  CHANGES</sup> PG 42

PG 43 TIME,  $\Delta t$ , CONNECTS  $x$  &  $y$

PG 49 VECTORS INTO  $x$  &  $y$ , ADD VECTORS  
SOH - CAH - TOA

PG 59 DIFFERENCE BETWEEN MASS & WEIGHT

PG 61 NET FORCE

PG 63 FREE BODY DIAGRAMS

$$F = m \cdot a$$

QW every day to review - gather responses to front board.

Dec 4-9:15 AM

Unit	Left-Side Items	Page	Right-Side Items	Page
	REFLECTION ON NOTES	2	EDITED ADAM SAVAGE	3
	HOW FAR FROM BRIDGE	4	"FORT STUEBEN"	5
	REFLECTION ON NOTES	6	HAWK: BASE UNITS	7
	PR: DISTANCE & DISPLACEMENT	8	HAWK: FP DISPLACEMENT	9
	DIAGRAM & STEPS	10	TIMING & ERROR	11
	SUMMARY OF TIMING	12	HOW TO BUILD A TABLE	13
	PR: CONVERTING SOLUTIONS	14	HAWK: FP CONVERSIONS	15
	PR: VELOCITY & SPEED	16	HAWK: FP SPEED & VELOCITY	17
	SPEED WORD PROBLEMS	18	ALGEBRA FOR PHYSICS	19
	LAB JOURNAL 10/7	20	LAB JOURNAL 10/8	21
	...		HAWK: FP GRAPH POSITION	23
	LAB JOURNAL 10/12	24	EXPERIMENT RUBRIC	25
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	DATA/MEASURING CART	64		

Sep 5-9:09 AM

## Of Falling Coffee Filters....

Pg 68

- Find a partner
- Complete the experiment
- Reflect - how does this connect to the Physics we've been studying this quarter?

Mar 2-8:28 AM